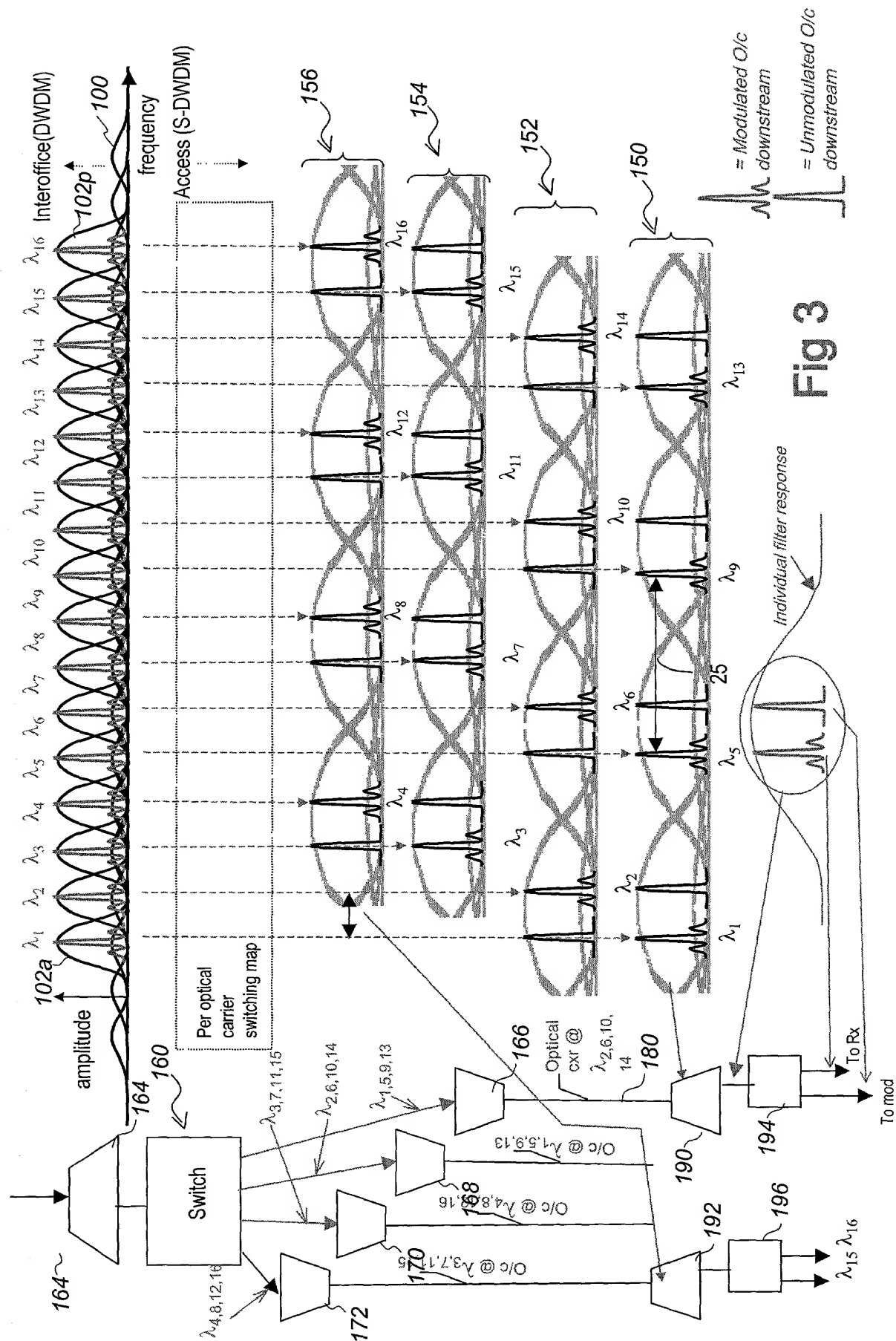
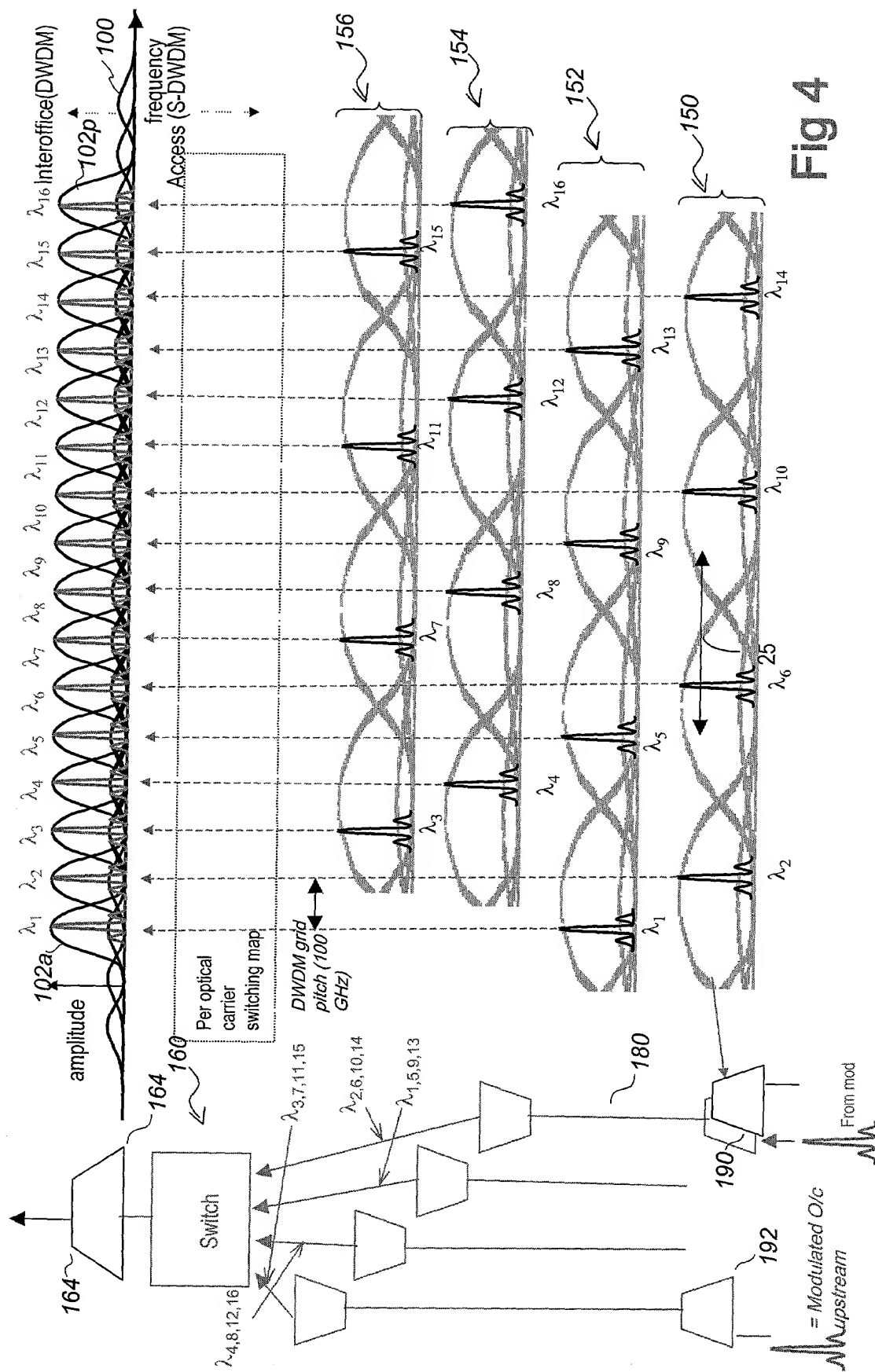
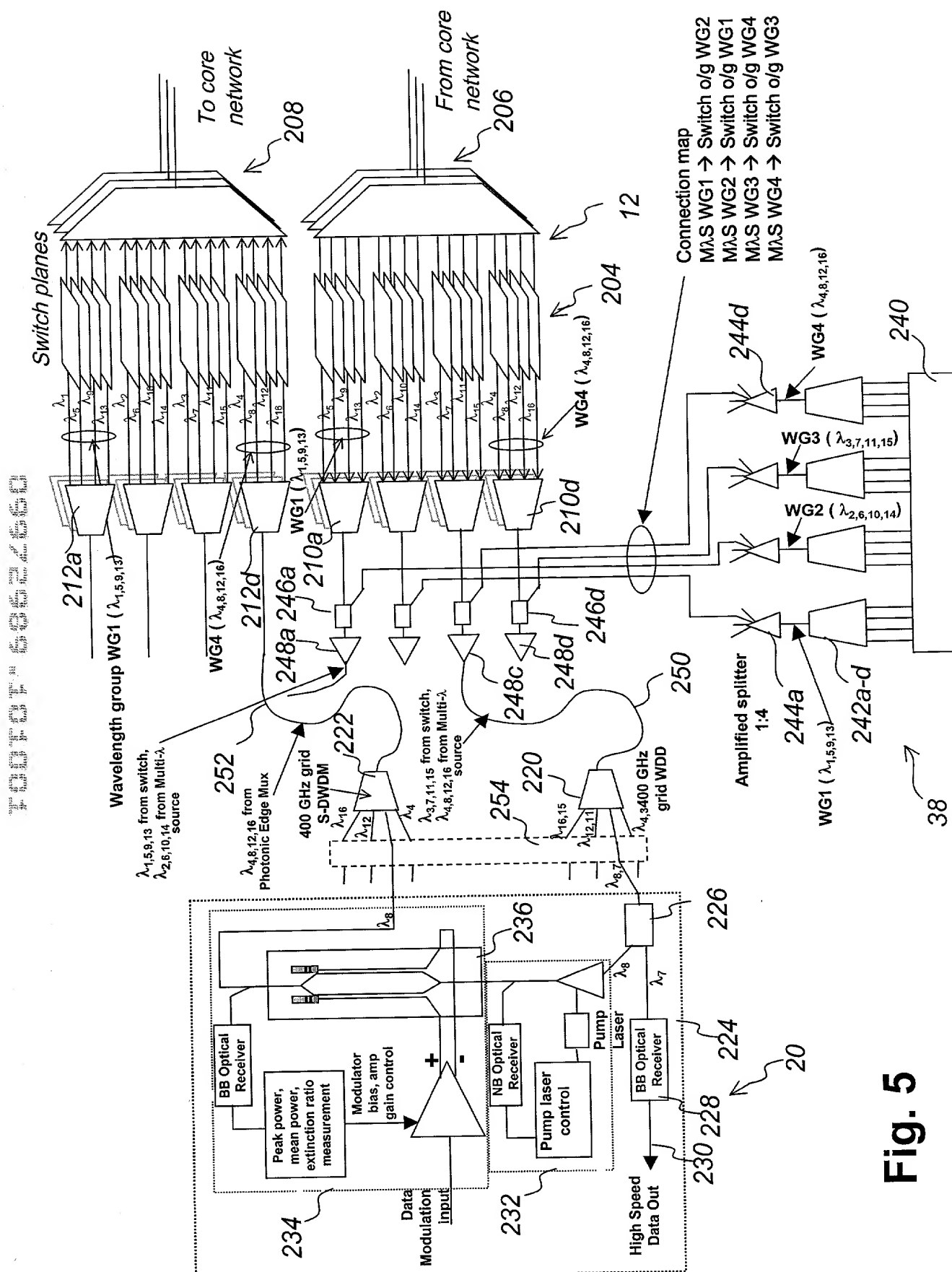


Fig 2







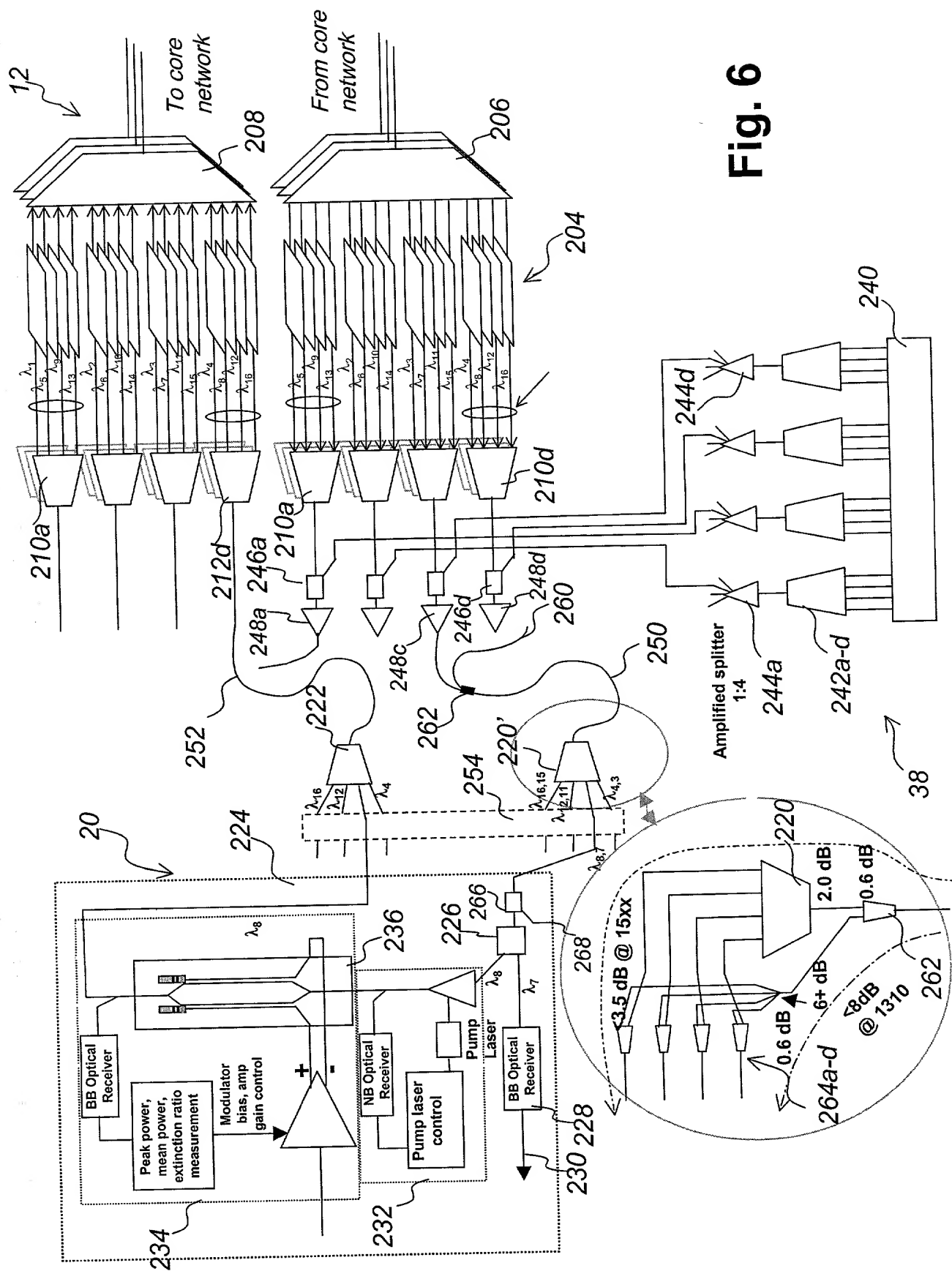
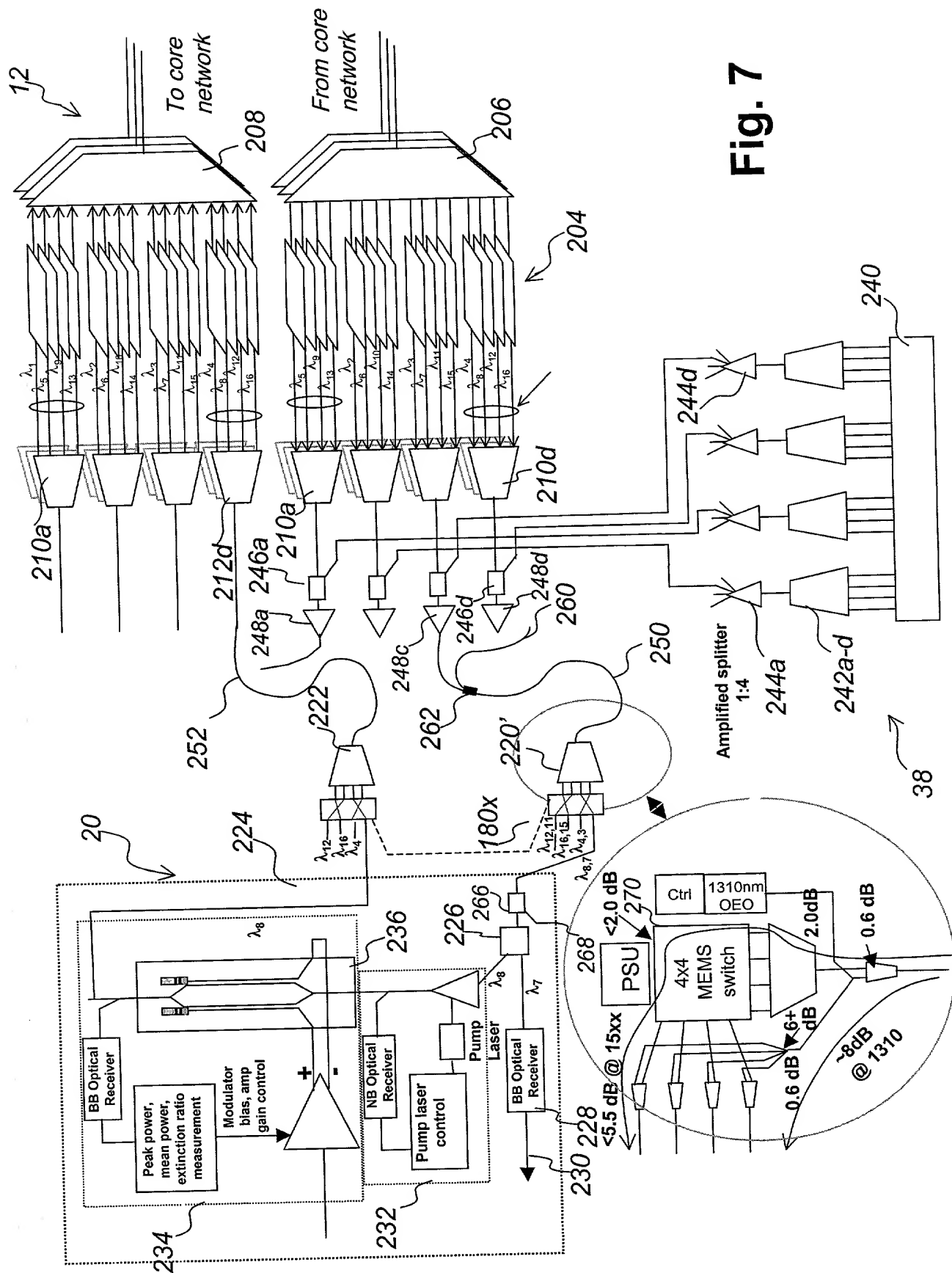
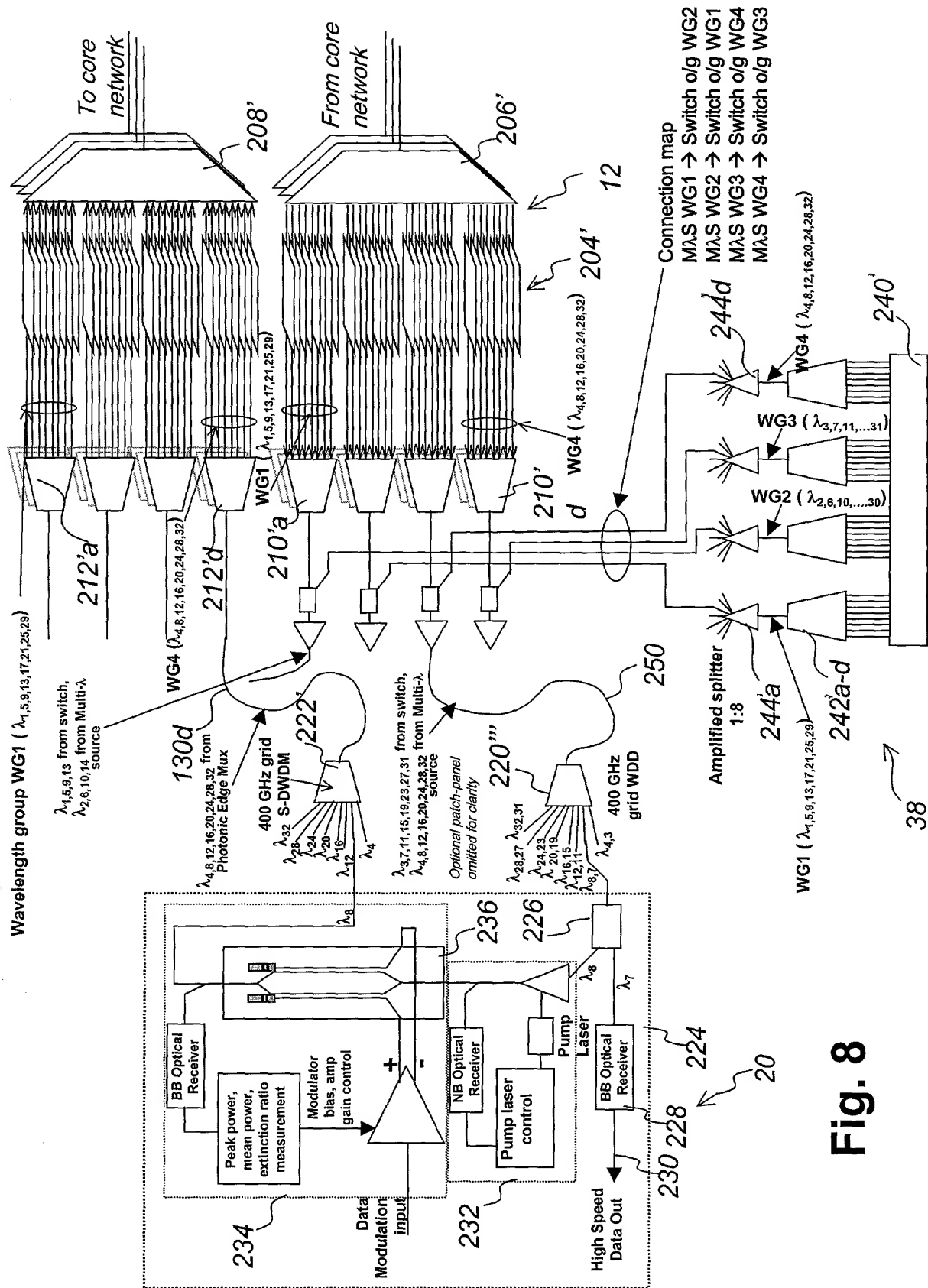
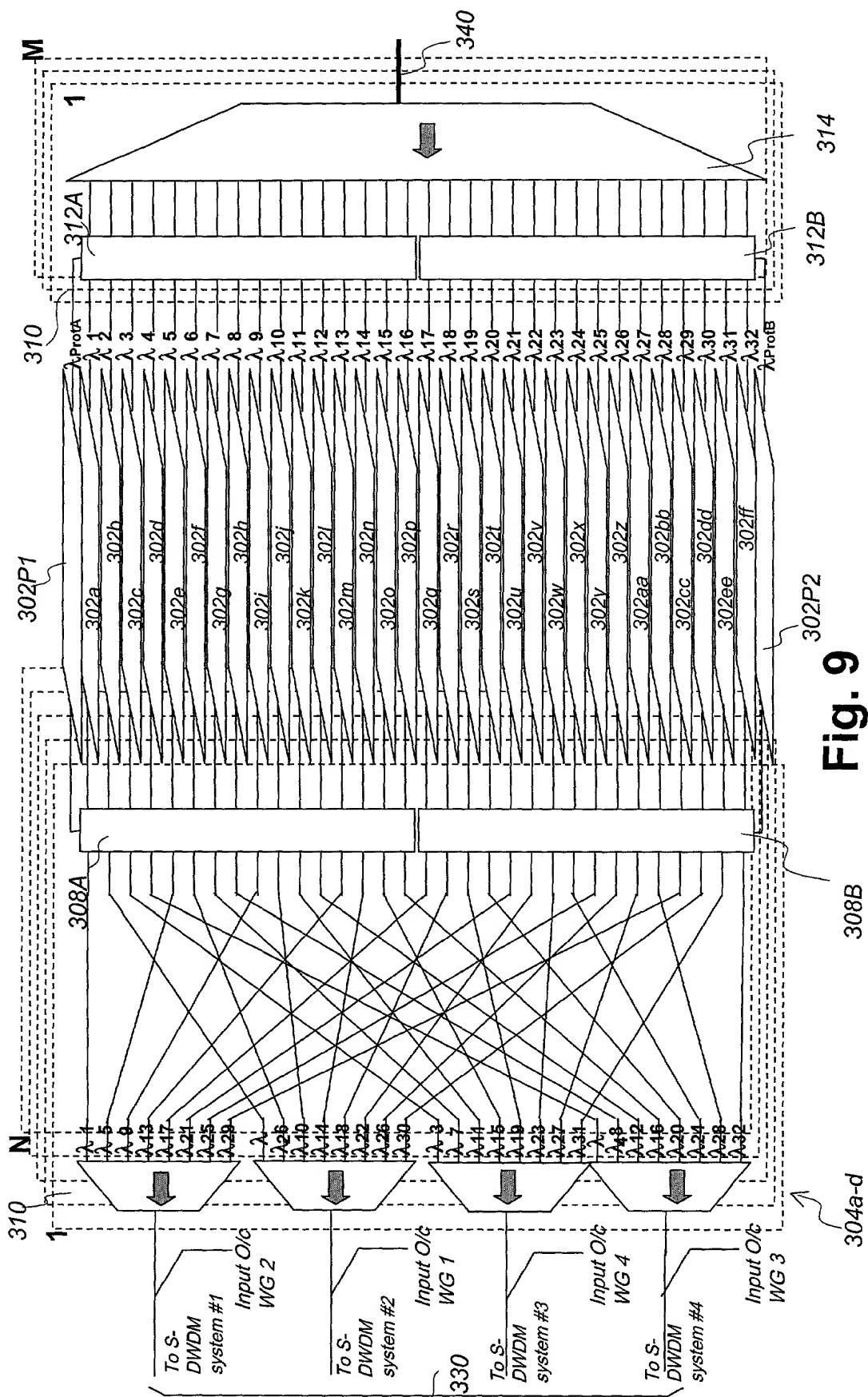
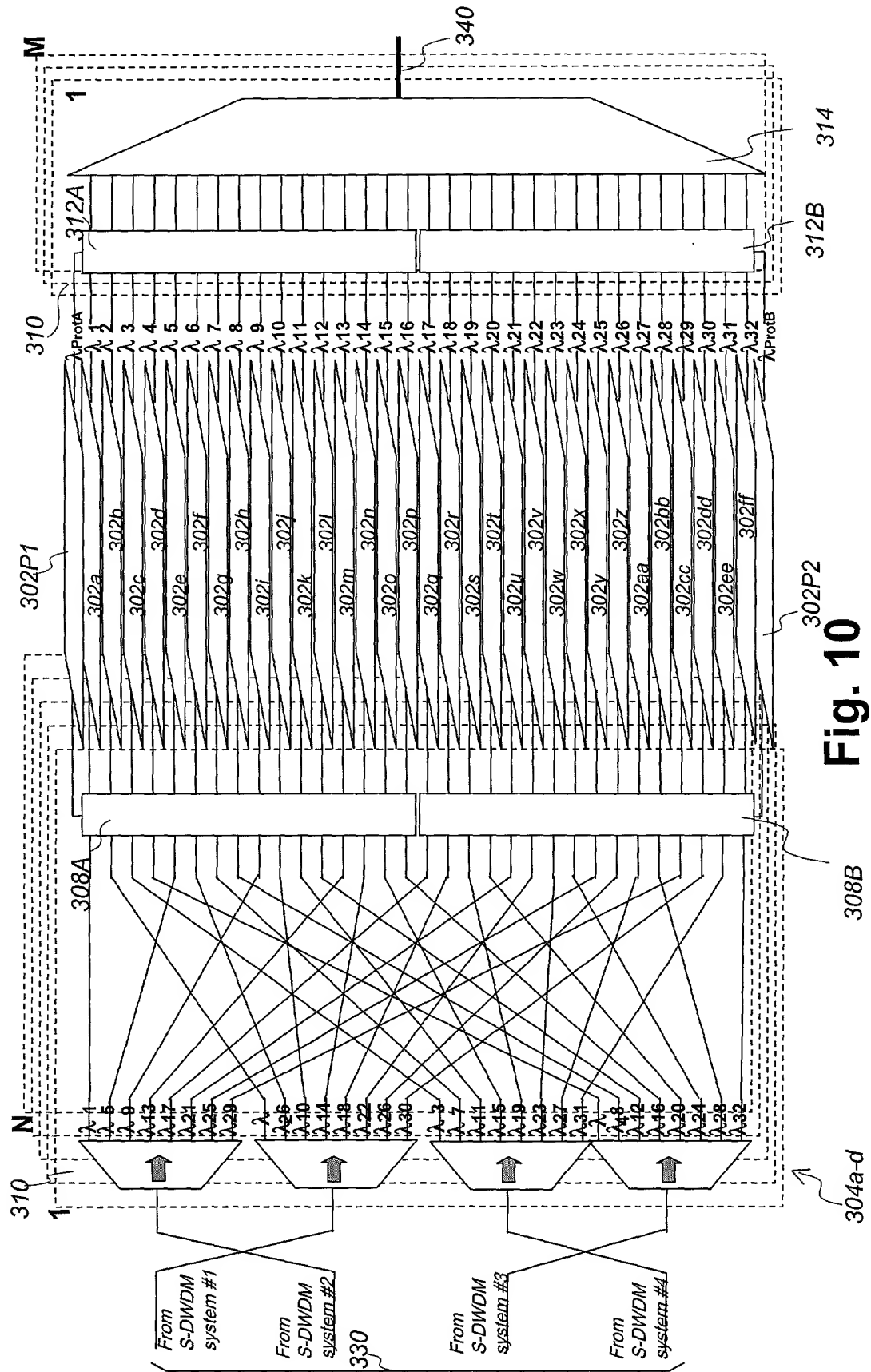


Fig. 6









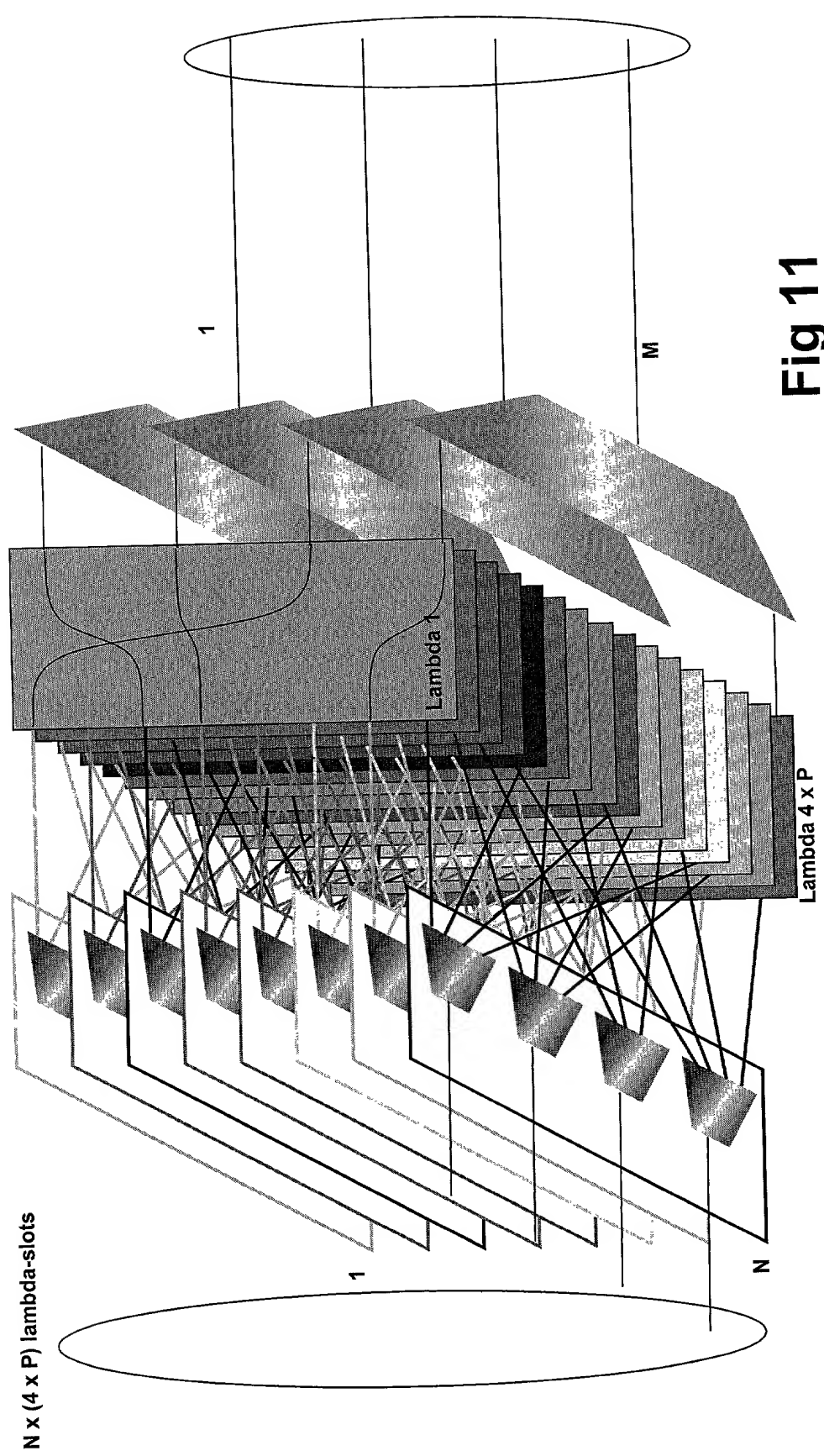


Fig 11

P= # of optical carrier frequencies/wavelengths for upstream transmission in EACH S-DWDM group.

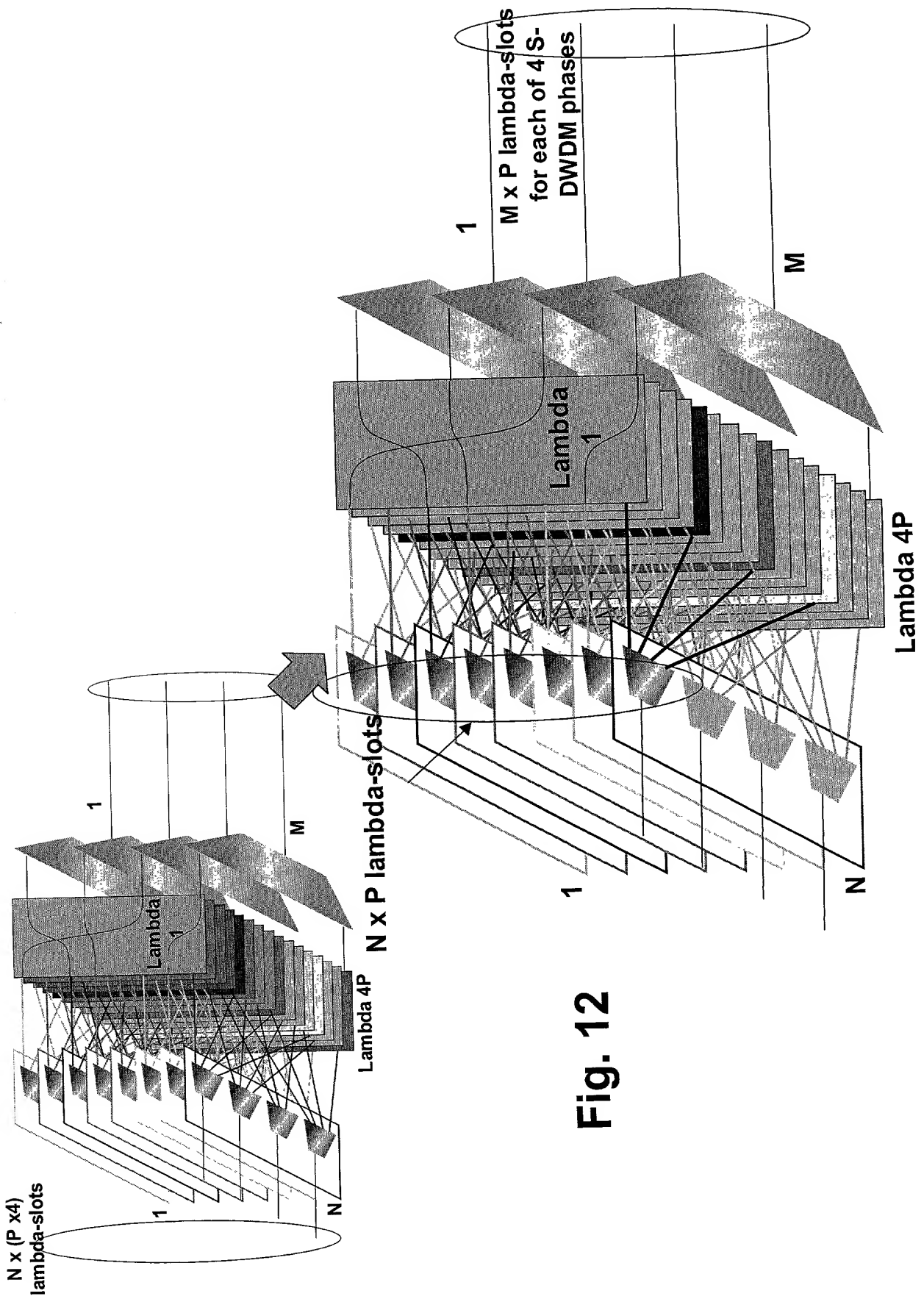


Fig. 12

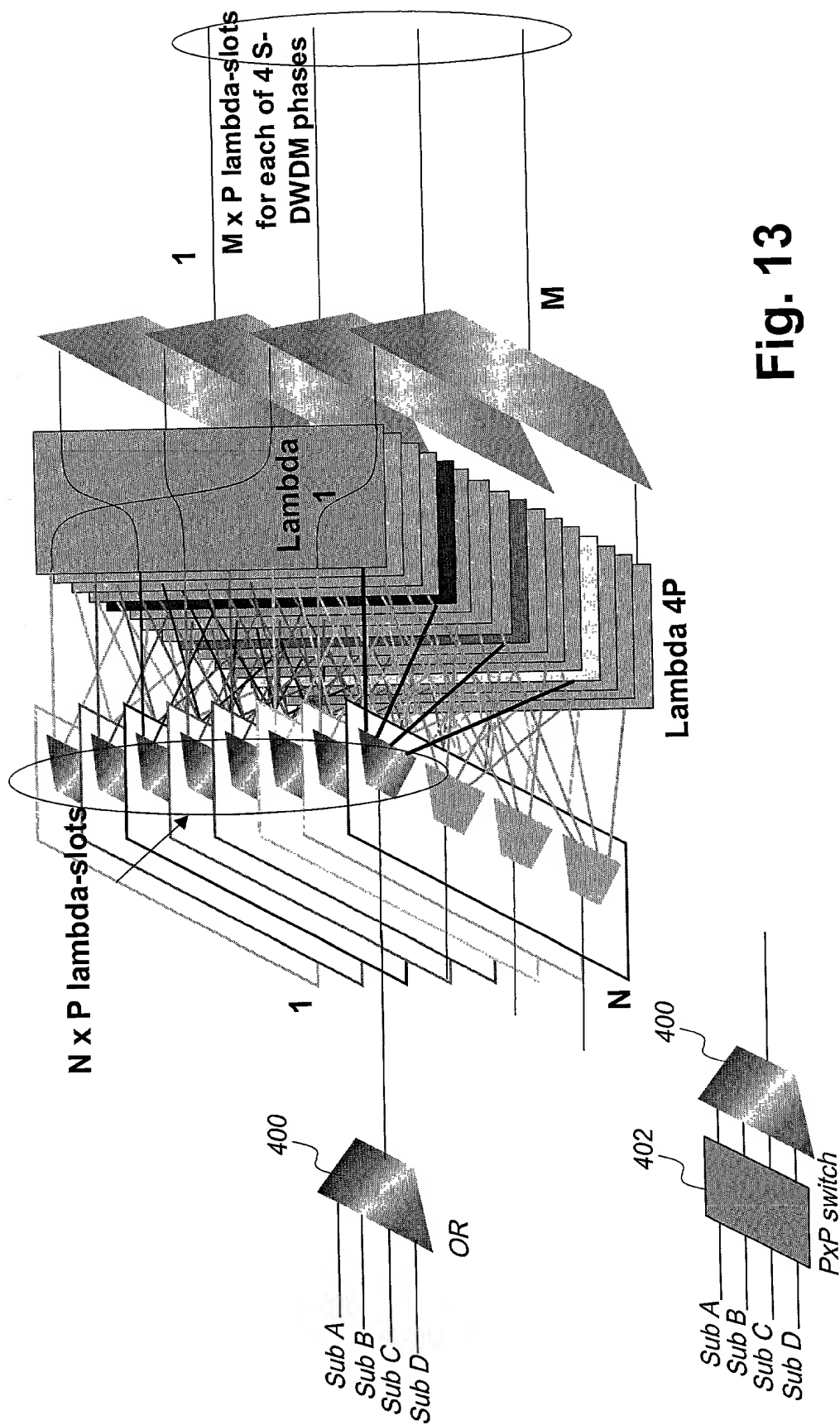


Fig. 14

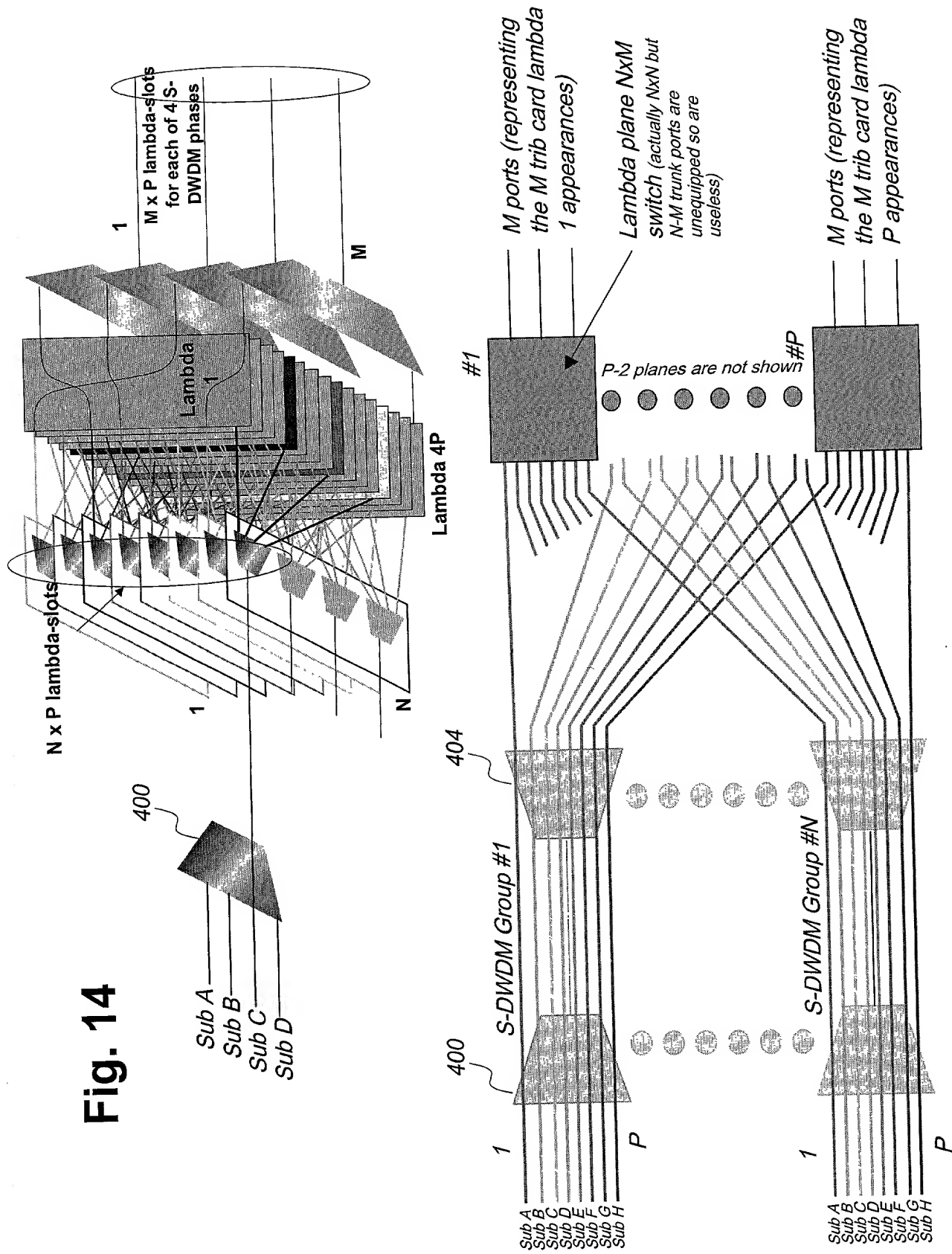
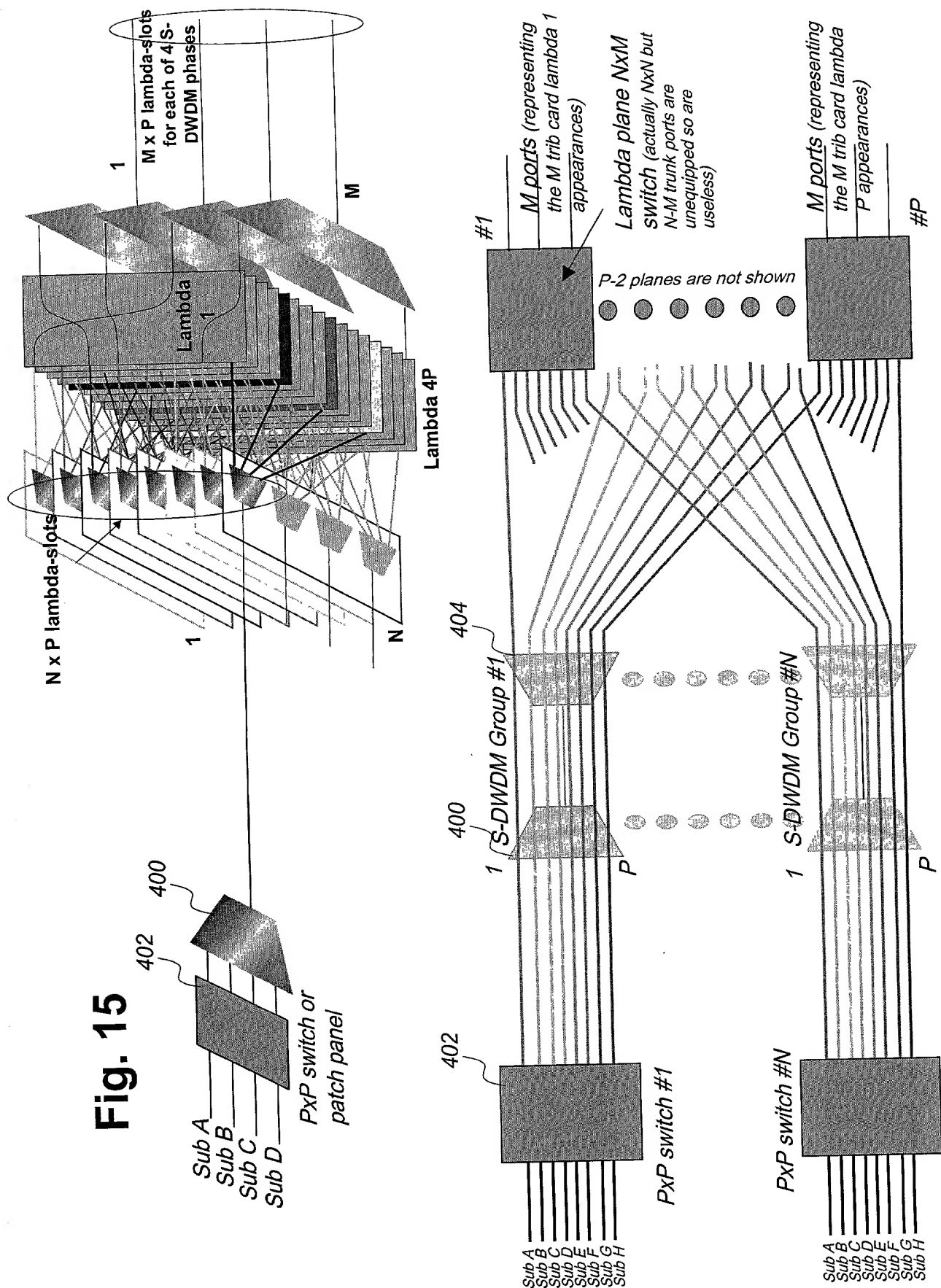


Fig. 15



Algorithm 0 Blocking Vs Offered Load For Various Numbers Of Trunk Port Cards

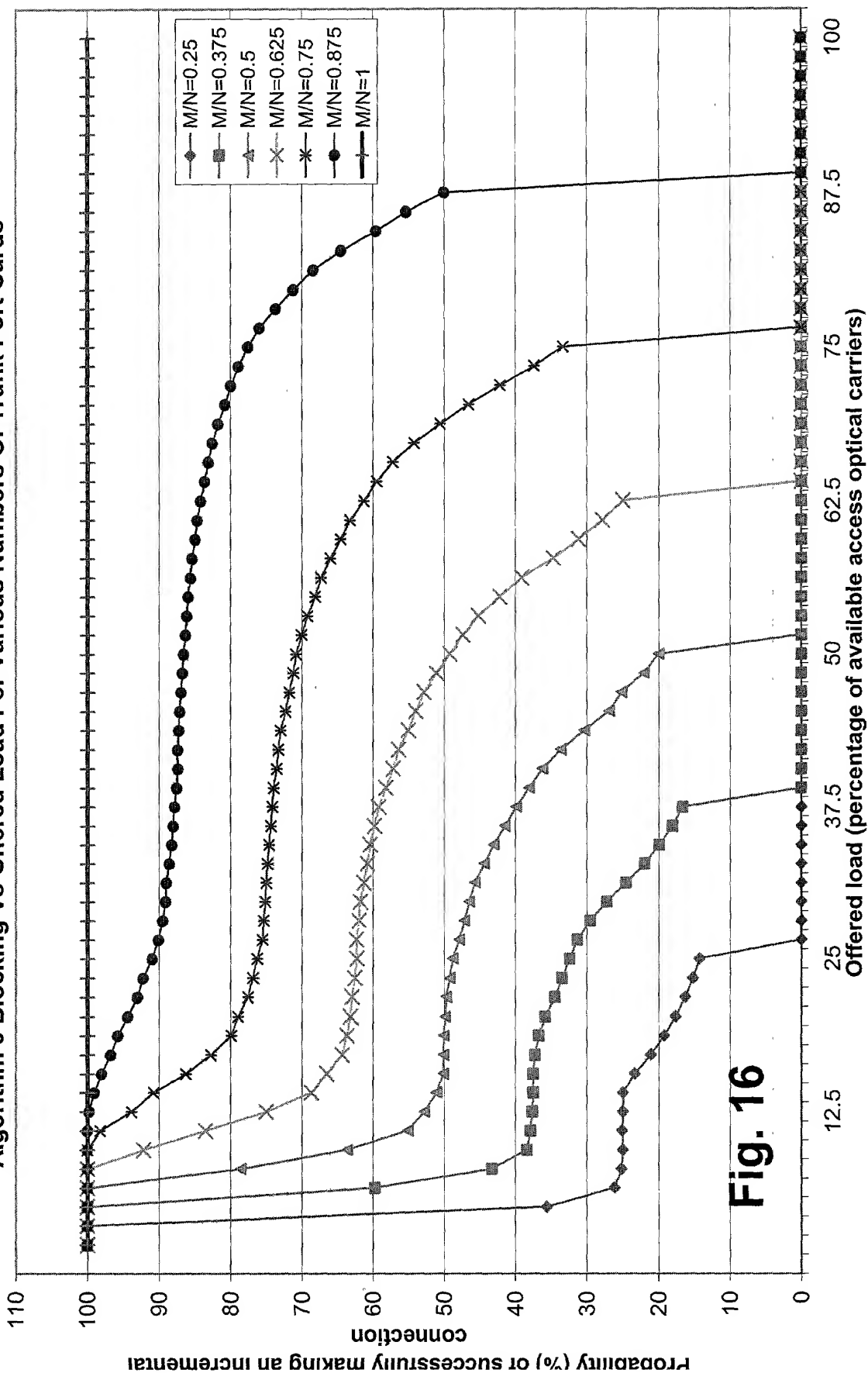


Fig. 16

Algorithm 1 Blocking Vs Offered Load For Various Numbers Of Trunk Port Cards

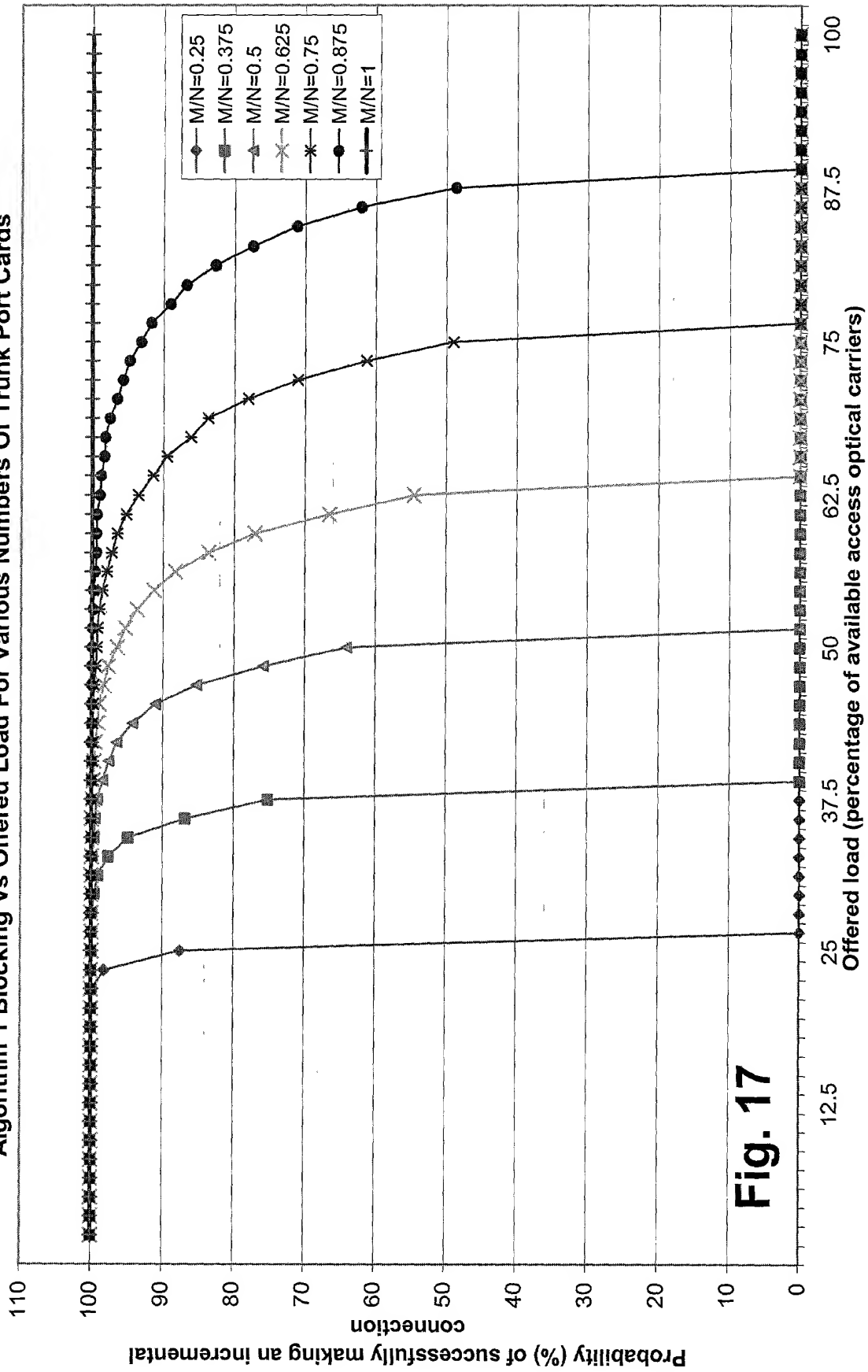


Fig. 17

Algorithm 2 Blocking Vs Offered Load For Various Numbers Of Trunk Port Cards

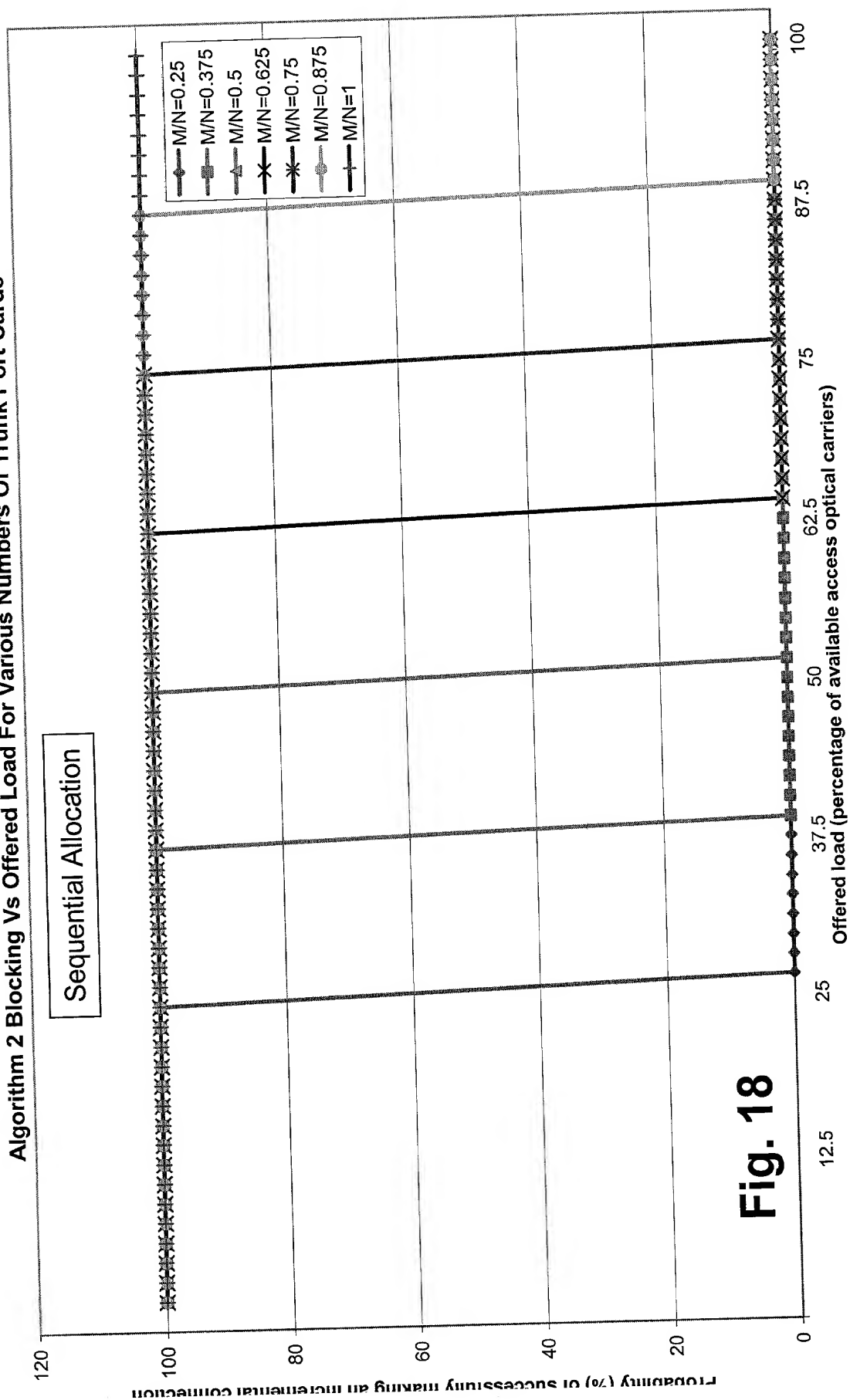


Fig. 18

Algorithm 2 Blocking level versus average traffic load for various values of M

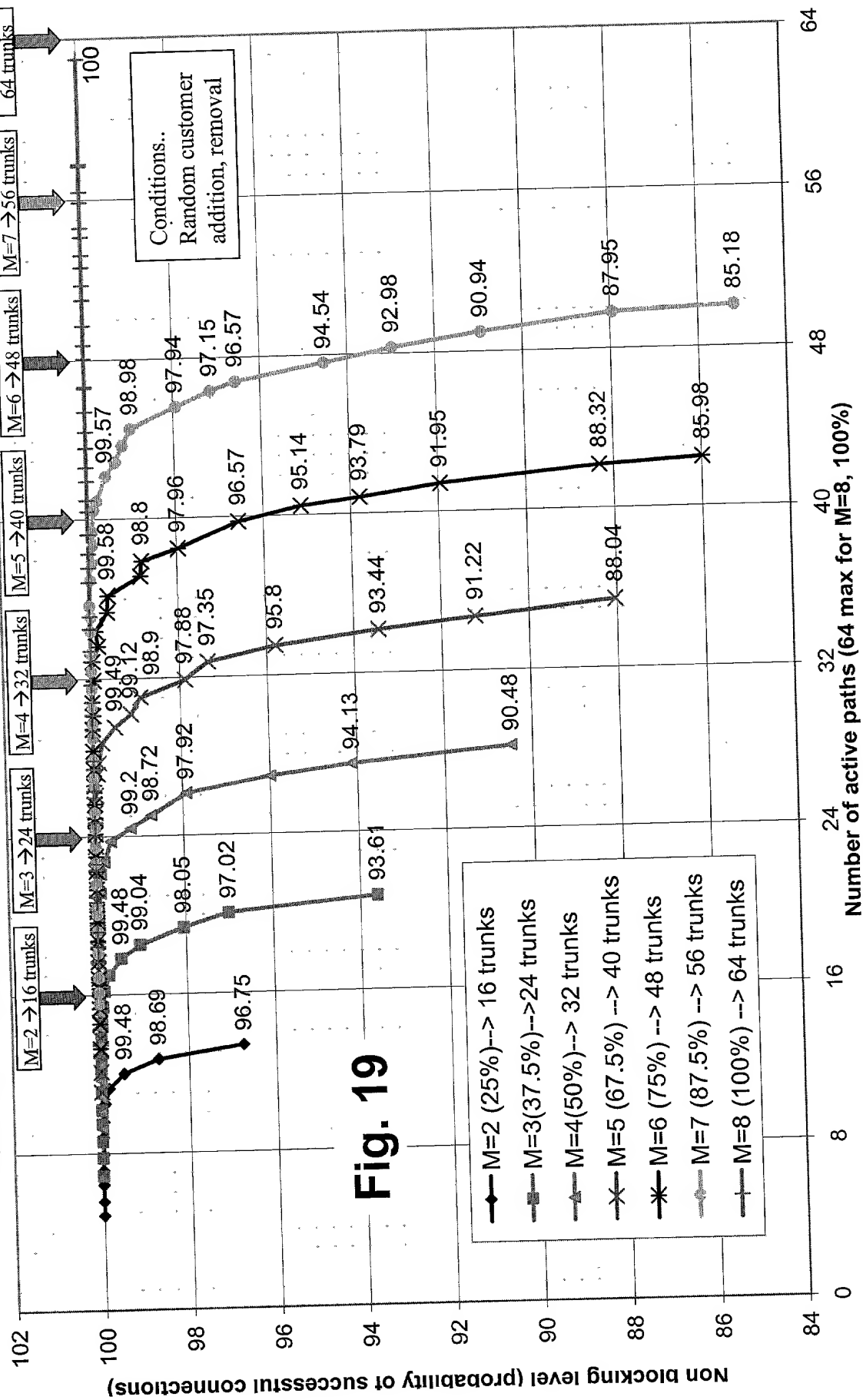


Fig. 19

Algorithm 2 Blocking Vs Offered Load For Various Numbers Of Trunk Port Cards

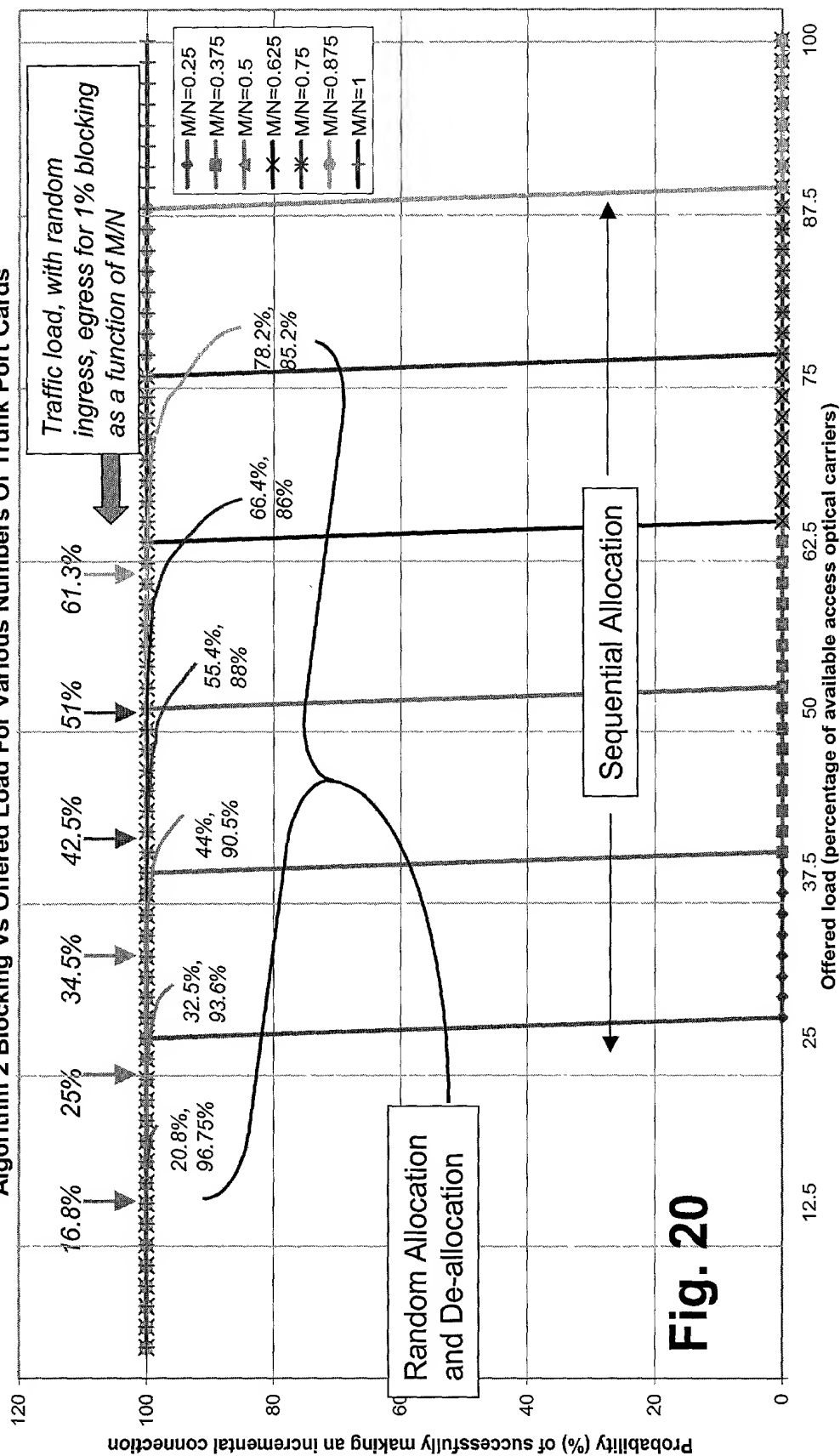


Fig. 20